



SIMATIC S7-1500,  
FRONTCONNECTOR SCREW-TYPE, 40PIN,  
FOR 35MM WIDE MODULES, INCL. 4 JUMPERS,  
AND CABLE STRAP

Connection method	
I/O signals connection	
Connection method	Screw terminals
Number of lines per connection	1 ; or combination of 2 conductors of up to 1.5 mm <sup>2</sup> (total) in a shared ferrule
Conductor cross-section in mm <sup>2</sup>	
connectable cable cross-sections for massive cables, min.	0.25 mm <sup>2</sup>
connectable cable cross-sections for massive cables, max.	1.5 mm <sup>2</sup>
connectable cable cross-sections for flexible cables without end sleeve, min.	0.25 mm <sup>2</sup>
connectable cable cross-sections for flexible cables without end sleeve, max.	1.5 mm <sup>2</sup>
connectable cable cross-sections for flexible cables with end sleeve, min.	0.25 mm <sup>2</sup>
connectable cable cross-sections for flexible cables with end sleeve, max.	1.5 mm <sup>2</sup>
Conductor cross-section acc. to AWG	
connectable cable cross-sections for massive cables, min.	24

<b>connectable cable cross-sections for massive cables, max.</b>	16
<b>connectable cable cross-sections for flexible cables without end sleeve, min.</b>	24
<b>connectable cable cross-sections for flexible cables without end sleeve, max.</b>	16
<b>connectable cable cross-sections for flexible cables with end sleeve, min.</b>	24
<b>connectable cable cross-sections for flexible cables with end sleeve, max.</b>	16
<b>Wire end processing</b>	
<b>Stripped length of cables, min.</b>	10 mm
<b>Stripped length of cables, max.</b>	11 mm
<b>End sleeve acc. to DIN 46228 without plastic sleeve</b>	Form A, 10 mm and 12 mm long
<b>End sleeve acc. to DIN 46228 with plastic sleeve</b>	Form E, 10 mm and 12 mm long
<b>Mounting</b>	
<b>Tool</b>	Screwdriver, conical design, 3 mm to 3.5 mm
<b>Tightening torque, min.</b>	0.4 N·m
<b>Tightening torque, max.</b>	0.7 N·m
<b>Dimensions</b>	
<b>Width</b>	25.5 mm
<b>Height</b>	131 mm
<b>Depth</b>	37 mm
<b>Weights</b>	
<b>Weight, approx.</b>	123 g
Status	Jul 7, 2014